

REMARKS

Claims 1 and 37-72 remain pending in the application. No claims have been added, canceled, or amended. Reconsideration of the application is respectfully requested. Applicant's response of May 2, 2005 is incorporated by reference herein.

Claims 1, 37-40, 44-51, 54, 55, 57-59 stand rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Pat. No. 5,481,262 to Urbas ("Urbas"). Claim 1 recites, among other things, a transceiver that includes a modulator means that varies "the impedance between the antenna and the signal processor means for providing the antenna with a dual Q-factor; the-Q-factor being high for the first signal and low for the second signal."

Applicant respectfully submits that claim 1 distinguishes over Urbas and reemphasizes the fact that the frequency generator and modulator 6 of Urbas does not provide the antenna with a dual Q factor that is high for a first signal and low for a second signal. The Examiner cites to col. 7, ll. 15-22 of Urbas for this feature. Applicant respectfully disagrees. At col. 7, ll. 15-22, Urbas discloses the use of a flip flop 614 to control counting of other flip flops. According to Urbas, if an output is equal to one, then the Q output of the flip flop 614 goes high, causing the output of a flip flop 612 to go low.

It is clear from Urbas that the Q referred to therein is NOT the Q (i.e., quality factor) of a resonant tuned circuit. In contrast, the Q of Urbas is simply a label given to an output of a flip-flop. The Q described in Urbas as being 'high' and 'low' is a digital signal and NOT a quality factor of a tuned circuit. Urbas does not describe two signals, one having a high Q factor and one having a low Q factor. Instead, Urbas discloses flip-flopping the Q output for a single signal. Therefore, for at least the above reason, claim 1 and its dependents are believed to be allowable over Urbas.

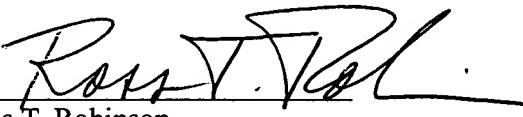
Independent claim 54 is directed to an antenna that includes a "modulator means disposed in series with the antenna" such that a coil is provided with a simultaneous dual Q factor, "the Q factor being high for the first current and low for the second current." As stated above in reference to claim 1, Applicant respectfully submits that Urbas fails to teach or suggest

this distinguishing feature. Therefore, for at least this reason, independent claim 54 and its dependents are also deemed to distinguish over Urbas.

In view of the above, each of the presently-pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to pass this application to issue.

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Respectfully submitted,

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